

Precision Wideband Differential DC Amplifier Ectron Model 751

Page 1 of 2

INTERTECHNOLOGYPrecision Wideband Differential
DC Amplifier Ectron Model 7511 Scarsdale Rd
Don Mills ON M3B 2R2
Toll Free: 1 800 465-1600[Home](#) | [About US](#) | [Products](#) | [Manufacturers](#) | [Quote](#) | [News](#) | [Contact](#) | [Search](#)

January 4, 2005

Our Products**Instrumentation**[Monitoring/Display](#)
[Signal Conditioning](#)**Stress Analysis**[Strain Gauges](#)**Transducers**[Load/Torque Cells](#)
[Displacement](#)
[Pressure](#)**Data Acquisition****Vibration**[Accelerometers](#)
[Analysis](#)**Physical Testing**[Material/Composite](#)
[Fatigue/Durability](#)
[Physical](#)**Acoustics****Environmental Test**[Chambers](#)**Our Manufacturers**[Ashcroft](#)
[Capacitac](#)
[Celeco](#)
[Cincinnati Sub Zero](#)
[Data Physics](#)
[Data Track](#)
[Doric](#)
[Ectron](#)
[GP:50](#)
[Honeywell](#)
[Kaman](#)
[Kistler](#)
[Labov Products](#)
[Michigan Scientific](#)
[Morehouse](#)
[MIS Systems](#)
[Non-Linear Devices](#)
[Reverse Transducers](#)
[Sensortronics](#)
[SRI Pmg](#)
[Strainert](#)**Precision Wideband Differential DC Amplifier Ectron Model 751**

Precision Wideband Differential DC Amplifier Ectron Model 751 is a Precision Wideband DC Amplifier, featuring true differential input circuits, high-common-mode-voltage rating and excellent stability and linearity.

The basic Precision Wideband Differential DC Amplifier Ectron Model 751 is a direct-coupled design providing high input impedance, excellent common-mode-rejection and low output noise.

Each Precision Wideband Differential DC Amplifier Ectron Model 751 has its own independent internal power supply which operates directly from standard 50 to 400 Hz power lines.

Amplifier gain is front-panel selectable from x0.01 to x1,000 with gain accuracy of $\pm 0.01\%$.

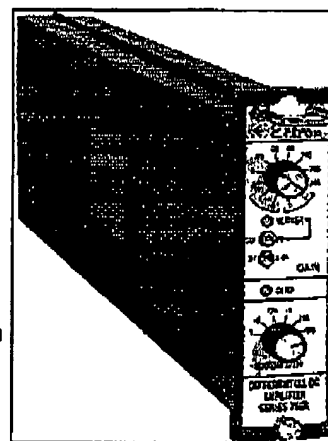
Precision Wideband Differential DC Amplifier Ectron Model 751 bandwidth is front panel selectable with 3-pole low pass filters having -3 dB cut-offs of 1 Hz, 10 Hz, 100 Hz, 1 kHz and 10 kHz plus a wide band setting. Full bandwidth exceeds 100 kHz.

Performance Highlights:

- 300 V Common-mode Voltage (CMV)
- 140 dB Common-mode Rejection
- 0.005% Linearity
- True 0.01% Gain Accuracy
- 0.003%/°C Gain Stability
- DC to 100 kHz Bandwidth
- < 200 pF Shunt Capacity
- 0.4 microVolt/°C Zero Stability

Features:

- Gains from x0.01 to x2500
- Selectable 3-pole Active Filter
- Dual Outputs, Wideband and Filtered
- Individually AC Powered
- 12 Amplifiers per 5 1/4" x 19" Enclosure
- Low Power Consumption, Low Parts Count
- Minimum Internal Wiring

[Precision Wideband Differential DC Amplifier Ectron Model 751](#)

BEST AVAILABLE

http://www.intertechnology.com/Ectron/Ectron_751_Precision_Differential_DC_Amplifier.html 1/4/05

Precision Wideband Differential DC Amplifier Ectron Model 751

Page 2 of 2

Tedea-Huntleigh
Tovey
Trans-Tek
Unipulse
Vishay Measurements
Group

[Home](#) | [About Us](#) | [Products](#) | [Manufacturers](#) | [Quote](#) | [News](#) | [Contact](#) | [Search](#)

January 4, 2005

INTERTECHNOLOGY

**Precision Wideband Differential
DC Amplifier Ectron Model 751**

1 Scarsdale Rd
Don Mills ON M3B 2R2
Toll Free: 1 800 465-1600

Web Site Designed & Maintained By Panther Marketing & Design

http://www.intertechnology.com/Ectron/Ectron_751_Precision_Differential_DC_Amplifier.html 1/4/05